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EXAMINER

PETER-ANTHONY PAPPAS

ART UNIT	PAPER
2628	20100214

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

It is noted that for each NPL document, listed on the respective PTO-1449 forms filed in the instant application, with no date information a "no date" annotation has been assigned by the examiner to each as the date information was not readily obtainable.

/Peter-Anthony Pappas/
Primary Examiner, Art Unit 2628

EXAMINER'S AMENDMENT

1. A double patenting administrative requirement is not being required by the examiner in the instant application since the examiner has independently conducted a double patenting analysis of the claims in the instant application.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Carl L. Benson on 2/14/10.

The application has been amended as follows: see the attached claims.

3. Claims 2, 5, 6, 8-10, 15-18, 20, 21, 23-27, 29, 33, 34, 36-42, 67, 69-71, 73-76, 78, 79, 81, 82, 84, 85, 87, 89-91, 93-97, 99-102, 105 and 106 are allowed.

In regard to said claims the prior art of record fails to teach or suggest the respective claim limitations when considered as a whole and when read in light of the following interpretations disclosed by the Board of Patent Appeals and Interferences in the 1/13/09 decision:

- **medium** – a channel of communication such as radio, television, newspaper, book or Internet (p. 23).
- **signal** – a detectable physical quantity or impulse by which messages or information can be transmitted. For example, the physical phenomena carrying the medium information, such as radio or television signals (p. 23).

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- **content** – substance, gist, meaning, or significance (p. 26).
- **identifying/determining content** – requires some ascertaining or recognizing the content, but this is not limited to machine recognition.

This could be an identifier that is associated with a particular television program such as “Wall Street Week.” The identifier is just a number that has an association with the program and does not have to be human readable text (p. 26). Corresponds to recognizing an identifier associated with a program (p. 151).

- **presentation using said information** – does not require display of the information itself but only “use” of the information (p. 67).
- **content of a medium** – information in or describing the medium, such as the identity of the program, and words, sound, and images in the medium (p. 26). Says something about the substance of the media (p. 87).

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PETER-ANTHONY PAPPAS whose telephone number is (571) 272-7646. The examiner can normally be reached on M-F 9:00AM-5:30PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached on 571-272-7782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Peter-Anthony Pappas/
Primary Examiner, Art Unit 2628

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This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Canceled)

2. (Currently amended) A method of outputting a multimedia presentation at a receiver station adapted to receive a plurality of signals, said method comprising the steps of:

receiving said plurality of signals including at least two media which include a first medium received in a digital data channel from a source external to said receiver station;

storing information from said first medium in a storage medium at a computer at said receiver station;

determining content, through use of processor instructions resident on said computer at said receiver station, of ~~a second~~ each medium received after said first medium in said plurality of signals, wherein determining content of each medium comprises:

processing an identifier which identifies said content of each of said medium;

comparing said processed identifier to a predetermined identifier, wherein said predetermined identifier is determined at a time prior to receiving said plurality of signals;

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coordinating, through use of processor instructions resident on said computer at said receiver station, a presentation using said information with a presentation of ~~said second~~ a medium comprising an identifier that matches said predetermined identifier based on said step of determining content; and

outputting and displaying said multimedia presentation to a user at said receiver station based on said step of coordinating such that said presentation using said information has a predetermined relationship to said content of said ~~second~~ medium comprising an identifier that matches said predetermined identifier and said content of said ~~second~~ medium comprising an identifier that matches said predetermined identifier explains a significance of said presentation using said information.

3. (Canceled)

4. (Canceled)

5. (Previously presented) The method of claim 2, wherein each of said plurality of signals is received from an external transmitter station.

6. (Previously presented) The method of claim 5, wherein said external transmitter station is an intermediate transmitter station.

7. (Canceled)

8. (Currently amended) The method of claim 2, wherein said content of said ~~second~~ medium comprising an identifier that matches said predetermined identifier explains said significance in audio.

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9. (Previously presented) The method of claim 8, wherein said determining step causes a tuner at said receiver station to communicate said audio to an audio output device.

10. (Currently amended) The method of claim 9, wherein said ~~second~~ medium comprising an identifier that matches said predetermined identifier comprises television, including video and said audio.

11. – 14. (Canceled)

15. (Currently amended) The method of claim 44 2, wherein said content of said ~~second~~ medium comprising an identifier that matches said predetermined identifier includes audio.

16. (Currently amended) The method of claim 44 2, wherein said content of said ~~second~~ medium comprising an identifier that matches said predetermined identifier includes video.

17. (Currently amended) The method of claim 2, further comprising the step of storing said ~~second~~ medium comprising an identifier that matches said predetermined identifier at said receiver station.

18. (Currently amended) The method of claim 17, wherein said ~~second~~ medium comprising an identifier that matches said predetermined identifier comprises television including video and audio and wherein said digital data channel is of a multichannel cable transmission including said ~~second~~ medium comprising an identifier that matches said predetermined identifier.

19. (Canceled)

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20. (Currently amended) A method of outputting a multimedia presentation at a receiver station adapted to process a plurality of signals, said plurality of signals including first and second media of said multimedia presentation, said method comprising the steps of:

receiving a ~~first~~ subset of said plurality of signals from a source external to said receiver station, each signal of said first subset of said plurality of signals including an identifier, wherein said subset of said plurality of signals comprises a plurality of said plurality of signals;

~~processing said first of said plurality of signals to provide said first medium of said multimedia presentation and said identifier;~~

receiving said second medium in a digital data channel from a source external to said receiver station, wherein said second medium is not included in said subset of said plurality of signals;

controlling a microcomputer at said receiver station, through execution of processor instructions, to:

~~identify~~ process each identifier of each signal of said subset of said plurality of signals,

compare each processed identifier to a predetermined identifier,
wherein said predetermined identifier is determined at a time prior to
receiving said plurality of signals and identifies content of said first medium ~~based on said identifier,~~

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process only a signal of said subset of said plurality of signals that includes an identifier that matches said predetermined identifier to provide said first medium of said multimedia presentation,

identify content of said second medium,

generate information based on said second medium based on identifying said content of said second medium, and

coordinate presentation of said first medium and said information based on said second medium; and
outputting and displaying said multimedia presentation to a user at said receiver station based on said step of controlling such that content of said first medium has a predetermined relationship to said information based on said second medium and said content of said first medium explains a significance of said information based on said second medium.

21. (Previously presented) The method of claim 20, wherein said first medium comprises a television program including video and audio.

22. (Canceled)

23. (Previously presented) The method of claim 20, wherein said first medium comprises a television program including video and audio and wherein said plurality of signals is included in a multichannel cable transmission and includes said digital data channel.

24. (Currently amended) A method of outputting a multimedia presentation at a receiver station, said method comprising the steps of:

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receiving a first medium including a television program in a first channel of a multichannel cable transmission;

comparing, using a processor, first information, wherein said first information comprises at least one user response to displayed content of said television program, stored at said receiver station to second information corresponding to content of said television program to determine whether to receive, from a source different from that of said first medium, in a second channel of said multichannel cable transmission and present a second medium based on third information, wherein said third information is related to but different from both said first information and said second information ~~received from a source different from that of said first medium in a second channel of said multichannel cable transmission;~~

coordinating, using said processor, presentation, based on said determination to receive said second medium, of said television program of said multimedia presentation with presentation of said second medium of said multimedia presentation; and

outputting and displaying said television program of said multimedia presentation only at a first output device at said receiver station, and outputting and displaying said second medium only at a second output device at said receiver station.

25. (Previously presented) The method of claim 24, wherein said second output device comprises a printer.

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26. (Currently amended) A method of outputting a multimedia presentation at a receiver station adapted to receive a plurality of media, said method comprising the steps of:

receiving, at said receiver station, at least two of said plurality of media from different sources, a first medium of said plurality of media being received in a plurality of signals and a second medium of said plurality of media being received in a digital data channel from a remote transmitter station;

~~processing said at least two of said plurality of media in order to output said multimedia presentation;~~

identifying, using a processor, content of a first and ~~content of a second medium~~ of said at least two of said plurality of media ~~based on said step of processing, said second of said at least two of said plurality of media received in a digital data channel from a remote transmitter station by:~~

processing each signal of said plurality of signals, each signal of said plurality of signals including an identifier, and

comparing each processed identifier to a predetermined identifier, said predetermined identifier being determined prior to receiving said plurality of media and identifying content of said first medium;

processing only a signal of said plurality of signal that includes an identifier that matches said predetermined identifier to provide said first medium;

storing said first ~~of said at least two of said plurality of media~~ medium at said receiver station; and

identifying content of said second medium;

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processing, based on said content of said second medium, said second medium to generate information based on said second medium;

outputting and displaying said multimedia presentation ~~based on said step of identifying~~, said multimedia presentation comprising a coordinated presentation of information included in said first ~~of said at least two of said plurality of media~~ medium and said generated information based on said second ~~of said at least two of said plurality of media~~ medium, said information included in said first medium having a predetermined relationship to said generated information based on said second medium and said information included in said first medium explaining a significance of said generated information based on said second medium.

27. (Previously presented) The method of claim 26, said method further comprising the step of storing said information based on said second of said at least two of said plurality of media at said receiver station.

28. (Canceled)

29. (Currently amended) A method of outputting a multimedia presentation at a receiver station having an output device, said method comprising the steps of:

receiving a plurality of signals from a source external to said receiver station;

identifying, using a processor, content of a first medium,~~said first medium~~ to be output in said multimedia presentation by:

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processing said plurality of signals, each of said plurality of signals including an identifier, and

comparing each said identifier with a predetermined identifier, said predetermined identifier determined prior to receiving said plurality of signals and identifying content of said first medium;

processing only a signal of said plurality of signal that includes an identifier that matches said predetermined identifier to provide said first medium;

processing a control signal at said receiver station that causes execution of processor instructions to process data received in a second medium from an external source to create a series of discrete video images, wherein said second medium is not included in said plurality of signals;

causing a video image of said series of discrete video images to be output and displayed subsequent to said step of identifying; and

combining said outputted video image into said multimedia presentation at said output device based on said step of causing to be output, said multimedia presentation comprising said first medium and said outputted video image of said series of discrete video images, said first medium having a predetermined relationship to said series of discrete video images and said first medium explaining a significance of said video image of said series of discrete video images.

30. – 32. (Canceled)

33. (Currently amended) A method of outputting a multimedia presentation at a receiver station, said method comprising the steps of:

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receiving a first signal comprising a television program from a remote transmitter station;

outputting ~~said first signal~~ and displaying content of said television program received in said first signal only at a first output device at said receiver station;

receiving a user response to said displayed content of said television program from ~~based on~~ said step of outputting;

comparing, using a processor, said user response to information corresponding to content of said first signal at said receiver station;

tuning, under control of said processor, said receiver station to receive, from a source different from that of said first signal, a second signal ~~based on~~ only when a match between said user response and said content of said first signal is determined to exist in said step of comparing; and

outputting and displaying information included in said second signal ~~to a printer~~ only at a second output device at said receiver station, said information included in said second signal related to but different from information included in said first signal;

wherein said multimedia presentation comprises said information included in said first signal and said information included in said second signal.

34. (Previously presented) The method of claim 33, further comprising the step of transmitting information from said receiver station based on said step of receiving said user response.

35. (Canceled)

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36. (Previously presented) The method of claim 34, wherein said transmitted information is transmitted by telephone.

37. (Currently amended) A multimedia presentation apparatus comprising:

at least one receiver ~~for receiving~~ that receives a plurality of signals from a source external to said multimedia presentation apparatus, said plurality of signals including at least two media which include a first medium received in a digital data channel;

a microcomputer that stores information from said first medium in a storage medium at said receiver station, determines content of a each received ~~second medium of said at least two media~~ received after said first medium in said plurality of signals and coordinates a presentation using said information with a presentation of ~~said~~ a second medium based on said microcomputer determining content of said second medium by processing an identifier which identifies said content of each of said medium received after said first medium and comparing said processed identifier to a predetermined identifier, wherein said predetermined identifier is determined at a time prior to receiving said plurality of signals and said second medium includes an identifier that matches said predetermined identifier; and

at least one output device operatively connected to said at least one receiver and said microcomputer ~~for outputting~~ that outputs and displays a multimedia presentation to a user at said multimedia presentation apparatus based on said coordinating such that said presentation using said information

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has a predetermined relationship to said content of said second medium and said content of said second medium explains a significance of said presentation using said information.

38. (Currently amended) The apparatus of claim 37, wherein said microcomputer determines said content of said second medium by processing an identifier transmitted from said source external to said multimedia presentation apparatus, said multimedia presentation apparatus further comprising a detector operatively connected to said microcomputer ~~for detecting~~ that detects said identifier.

39. (Currently amended) The apparatus of claim 38, wherein said multimedia presentation apparatus receives a multichannel signal, said multimedia presentation apparatus further comprising a converter operatively connected to said at least one receiver ~~for communicating~~ that communicates a portion of said multichannel signal.

40. (Currently amended) The apparatus of claim 39, further comprising a first controlled device operatively connected to said microcomputer ~~for causing~~ that causes said converter to select said second medium.

41. (Currently amended) The apparatus of claim 40, further comprising a storage device operatively connected to said converter ~~for storing~~ that stores said second medium.

42. (Currently amended) The apparatus of claim 41 further comprising a second controlled device operatively connected to said

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microcomputer ~~for causing~~ that causes said storage device to store said second medium.

43. – 66. (Canceled)

67. (Previously presented) The apparatus of claim 37, wherein said second medium comprises a television program including video and audio.

68. (Canceled)

69. (Previously presented) The apparatus of claim 37, wherein said second medium comprises a television program including video and audio and wherein said microcomputer receives said digital data channel in a multichannel cable transmission including said second medium.

70. (Currently amended) A multimedia presentation apparatus comprising:

a receiver ~~for receiving~~ that receives a first subset of a plurality of signals from an external source, each signal of said first subset of said plurality of signals including an identifier, wherein said plurality of signals ~~including~~ includes a first medium and a second medium of a multimedia presentation and said subset of said plurality of signal comprises a plurality of said plurality of signals;

a microcomputer ~~for identifying~~ that identifies content of said first medium ~~based on said identifier~~ by processing each identifier of said subset of said plurality of signals and comparing each processed identifier to a predetermined identifier, wherein said predetermined identifier is determined at a time prior to receiving said plurality of signals and identifies content of said first medium, that processes only a signal of said subset of said plurality of signals that includes an

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identifier that matches said predetermined identifier, ~~receiving~~ that receives said second medium in a digital data channel transmitted from a source external to said multimedia presentation apparatus, wherein said second medium is not included in said subset of said plurality of signals, ~~for identifying~~ that identifies content of said second medium, ~~for generating~~ that generates information based on said second medium based on said identifying content of said second medium and ~~for executing~~ that executes processor instructions to enable a coordinated that coordinates presentation of said first medium and said information based on said second medium such that content of said first medium has a predetermined relationship to said information based on said second medium and said content of said first medium explains a significance of said information based on said second medium; and

an output device ~~for outputting~~ that outputs and displays said coordinated presentation of said first medium and information from said second medium.

71. (Previously presented) The apparatus of claim 70, wherein said first medium comprises a television program including video and audio.

72. (Canceled)

73. (Previously presented) The apparatus of claim 70, wherein said first medium comprises a television program including video and audio and wherein said plurality of signals is included in a multichannel cable transmission and includes said digital data channel.

74. (Currently amended) A multimedia presentation apparatus comprising:

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a receiver ~~for receiving~~ that receives a first medium including a television program in a first channel of a multichannel cable transmission;

a microcomputer ~~for storing~~ that stores first information including at least one user response to displayed content of said television program, ~~comparing~~ compares said first information to second information corresponding to content of said television program to determine whether to receive, from a source different from that of said first medium, in a second channel of said multichannel cable transmission and present a second medium based on third information, wherein said third information received from a different source than that of said first medium in a second channel of said multichannel cable transmission is related to but different from both said first information and said second information, and ~~coordinating~~ coordinates presentation, based on said determination to received said second medium, of said television program with presentation of said second medium;

a first output device ~~for outputting~~ that outputs and displays only said television program; and

a second output device ~~for outputting~~ that outputs and displays only said second medium.

75. (Previously presented) The apparatus of claim 74, wherein said second output device comprises a printer.

76. (Currently amended) A multimedia presentation apparatus comprising:

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a first receiver ~~for receiving~~ that receives a first medium a plurality of signals;

a second receiver ~~for receiving~~ that receives a second medium in a digital data channel from a source external to said multimedia presentation apparatus;

a microcomputer ~~for identifying~~ that identifies content of said ~~a~~ first medium ~~and~~ by processing each signal of said plurality of signals, each signal of said plurality of signals including an identifier, and comparing each said identifier to a predetermined identifier, said predetermined identifier determined prior to receiving said plurality of signals and identifying content of said first medium, identifying that identifies content of said second medium, ~~controlling~~ that controls storage of ~~information based on said second~~ first medium, and ~~controlling~~ that controls, based on said identifying content of said second medium, generation of information based on said second medium by processing said second medium, that controls coordinating a multimedia presentation comprising information included in said first medium and said generated information based on said second medium, said information included in said first medium having a predetermined relationship to said generated information based on said second medium and said information included in said first medium explaining a significance of said generated information based on said second medium; and

an output device ~~for outputting~~ that outputs and displays said multimedia presentation.

77. (Canceled)

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78. (Currently amended) The apparatus of claim 76, wherein said microcomputer controls storage of said ~~first~~ second medium.

79. (Previously presented) The apparatus of claim 76, wherein said first medium comprises a television program including video and audio.

80. (Canceled)

81. (Previously presented) The apparatus of claim 76, wherein said first medium comprises a television program including video and audio and wherein a multichannel cable transmission includes said first medium and said digital data channel.

82. (Currently amended) The method of claim 26, wherein said first ~~of said at least two of said plurality of media~~ medium comprises a television program including video and audio.

83. (Canceled)

84. (Currently amended) The method of claim 26, wherein said first ~~of said at least two of said plurality of media~~ medium comprises a television program including video and audio and wherein said plurality of media is included in a multichannel cable transmission including said digital data channel.

85. (Currently amended) A multimedia presentation apparatus comprising:

a receiver that receives a plurality of signals from a source external to said multimedia presentation apparatus;

a microcomputer for identifying that identifies content of a first medium by processing said plurality of signals, each of said plurality of signals including an

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identifier, and comparing each said identifier with a predetermined identifier, said predetermined identifier determined prior to receiving said plurality of signals and identifying content of said first medium, that processes only a signal of said plurality of signal that includes an identifier that matches said predetermined identifier, creating that creates a series of discrete video images by executing processor instructions to process a control signal and data received in a second medium from an external source, wherein said second medium is not included in said plurality of signals, and then causing that causes a video image of said series of discrete video images to be output and displayed;

an output device at which said video image is combined into said multimedia presentation, said multimedia presentation comprising said first medium and said video image, said first medium having a predetermined relationship to said series of discrete video images and said first medium explaining a significance of said video image of said series of discrete video images.

86. (Cancelled)

87. (Previously presented) The apparatus of claim 85, wherein said first medium comprises a television program including video and audio.

88. (Canceled)

89. (Previously presented) The apparatus of claim 85, wherein said second medium is received in a digital data channel.

90. (Previously presented) The apparatus of claim 85, wherein said first medium comprises a television program including video and audio and

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wherein a multichannel cable transmission includes said first medium and a digital data channel including said second medium.

91. (Previously presented) The method of claim 29, wherein said first medium comprises a television program including video and audio.

92. (Canceled)

93. (Previously presented) The method of claim 29, wherein said second medium is received in a digital data channel.

94. (Previously presented) The method of claim 29, wherein said first medium comprises a television program including video and audio and wherein a multichannel cable transmission includes said first medium and a digital data channel including said second medium.

95. (Currently amended) A multimedia presentation apparatus comprising:

a first receiver ~~for receiving~~ that receives a first signal including television programming from a remote transmitter station;

a first output device that outputs and displays only content of said television programming;

a second receiver ~~for receiving~~ that receives a second signal, information included in said second signal being related to but different from information included in said first signal;

a second output device that outputs and displays only said information of said second signal

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a microcomputer ~~for receiving~~ that receives a user response, based on outputting said first signal, to said displayed content of said television programming, ~~comparing~~ that compares said user response to information corresponding to content of said first signal, and ~~based on said comparison~~ that controls tuning of said second receiver to receive said second signal, from a source different from that of said first signal, only when a match between said user response and said content of said first signal is determined to exist;

wherein said apparatus presents a multimedia presentation comprising said information included in said first signal ~~output at a first output device~~ and said information included in said second signal ~~output at a printer~~.

96. (Currently amended) The apparatus of claim 95, further comprising a transmitter ~~for transmitting~~ that transmits information from said microcomputer based on said user response.

97. (Previously presented) The apparatus of claim 96, wherein said transmitter transmits by telephone connection.

98. (Canceled)

99. (Previously presented) The apparatus of claim 95, wherein said first signal includes a television program including video and audio.

100. (Previously presented) The apparatus of claim 99, wherein said first signal and said second signal are received in a multichannel cable transmission.

101. (Previously presented) The method of claim 33, wherein said first signal includes a television program including video and audio.

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102. (Previously presented) The method of claim 101, wherein said first signal and said second signal are received in a multichannel cable transmission.

103. (Canceled)

104. (Canceled)

105. (New) The method of claim 33, wherein said second output device includes a printer.

106. (New) The apparatus of claim 95, wherein said second output device includes a printer.